



01-08-02

NCR 10239

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NCR Corporation Docket No. 10239

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Inventor(s): Ramesh Bhashyam

For: **OPTIMIZING AN EXCLUSION JOIN OPERATION USING A BITMAP INDEX STRUCTURE**

Enclosed are also:

8 Sheet(s) of Drawings  
 An unsigned Combined Declaration and Power of Attorney  
 Form PTO/SB/35 Request for Nonpublication

## CLAIMS AS FILED

| FOR                       | Number Filed | Number Extra | Rate                                      | Basic Fee (\$740)                                    |
|---------------------------|--------------|--------------|---|--|
| Total Claims              | 42           | -20 =        | 22  | <input checked="" type="checkbox"/> \$ 18 = \$396.00 |
| Independent Claims        | 5            | -3 =         | 2   | <input checked="" type="checkbox"/> \$ 84 = \$168.00 |
| Multiple Dependent Claims | 0            |              | <input checked="" type="checkbox"/> \$280 | = \$ 0   |
| <b>Total Filing Fee</b>   |              |              |   | = \$1304.00  |

Please charge the above filing fee to the account of NCR Corporation, Deposit Account No. 50-1673.

Please have all communications concerning this application and the recorded Assignment directed to:

John D. Cowart  
Teradata Law IP, WHQ-4W  
NCR Corporation  
1700 S. Patterson Blvd.  
Dayton, OH 45479-0001

Our telephone number is: 858-485-4903

Respectfully,

Howard L. Speight  
Reg. No. 37,733  
Attorney for: Ramesh Bhashyam

**CERTIFICATE OF MAILING**  
"EXPRESS MAIL"  
Mailing Label Number EV067266331US

Date of Deposit December 31, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Debra Sprowse  
(type or print name of person certifying)

Signature

J1017 U.S. PTO  
10/038783

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

|                      |  |
|----------------------|--|
| First Named Inventor | Ramesh Bhashyam  |
| Title                | Optimizing An Exclusion Join Operation<br>Using A Bitmap Index Structure |
| Atty Docket Number   | NCR 10239  |

I hereby certify that the invention disclosed in the attached application **has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing**. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 31, 2001

Date



Signature

Howard L. Speight

Typed or Printed Name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

HOU03:821187.1

Attorney Docket No.: 10239

Express Mail No.: EV067266331US

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.